Dell Precision™ M6300 Mobile Workstation

Create, Analyse, Design, Anywhere. Engineered for Maximum Performance.

Exceptional Engineering Design, Analysis and Content Creation

Develop richly textured, realistic CAD models, view large designs and multi-part assemblies or create stunning 3D animations on our top of the line mobile workstation that boasts ultra-high performance graphics, a bright 17" display and high speed DDR2 memory. From the design lab to the studio or shop floor, or anywhere in between, the Dell Precision M6300 provides outstanding workstation performance in a true mobile platform to enable you to run complex applications reliably.

Professional Workstation Technologies Deliver Great Performance

The Dell Precision M6300 features powerful 64-bit Intel® Core™ 2 Duo processors. This revolutionary new mobile workstation is designed for users who prioritise their visual experience and want a mobile platform as a primary workstation.

The Dell Precision M6300 also features NVIDIA® Quadro® FX OpenGL® graphics including the new Quadro FX 1600M, enabling you to take your graphics to the next level of interactivity. These professional graphics cards can deliver unprecedented performance for accelerated workflow and shortened design cycles for CAD, digital content creation, and scientific visualisation.

Dell Precision mobile workstations, like all Dell notebooks, are built tough – with features like Mag-Alloy casings and a high degree of durability that you can rely on, day in and day out. In addition, the Dell Precision M6300 features a high degree of connectivity through Wi-Fi® and Bluetooth® options to help ensure that you can get connected when you need to. Ironclad security features such as our optional fingerprint reader help ensure you can work with peace-of-mind.

Work with Confidence

Dell partners with leading Independent Software Vendors (ISVs) to certify system and application compatibility so that your applications can run gracefully on Dell Precision workstations. Through rigorous testing, Dell also targets flawless compatibility and optimised performance in demanding work environments such as computer aided design and engineering, digital content creation and urban planning, which helps make the M6300 a viable platform for use as a primary workstation.

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SYSTEM

Processors	64-bit Intel® Core™ 2 Duo processors (dual-core), and Intel Core 2 Duo Extreme edition processors Up to 4MB L2 Cache, 800MHz Front Side Bus Up to X7900 (2.8GHz speed) Extreme Edition
Operating Systems	Genuine Windows Vista™ Ultimate (32-bit and 64 bit); Genuine Windows Vista™ Business (32-bit and 64-bit); Genuine Windows® XP Professional SP2 (32-bit and 64-bit); N series RedHat Linux 5.1 (available Nov.)
Chipset	Intel® 965PM Express chipset
Memory	Up to 4GB of DDR2 dual-channel memory DIMMs up to 2GB at 667MHz
Wide Aspect Displays	17" wide aspect ratio displays (anti-glare) - Dell UltraSharp™ WUXGA (1920 X 1200 resolution) - Dell UltraSharp WXGA+ (1440 X 900 resolution)
OpenGL Graphics	NVIDIA Quadro® FX 1600M with 512MB TurboCache (256MB dedicated, up to an additional 256MB shared)
Hard Drives	Serial ATA up to 200GB at 7200RPM; 32GB SSD
Dimensions (HxWxD)	41 mm x 394 mm x 287 mm
Weight	3.8kg starting weight with 9-cell battery, 17" WXGA+ display and DVD-ROM drive

POWER

Power Supply	130 Watt AC adapter with cord wrapping
Batteries	9-cell/85 WHr Smart Li-Ion battery featuring ExpressCharge™

CONNECTIVITY

Wired	56K v.92 Internal Modem; 10/100/1000 Gigabit Ethernet network interface adaptor
Wireless LAN	Dell 1505 Wireless 802.11a/g/Draft-n Dell 1490 Wireless 802.11a/g Dell 1390 Wireless 802.11b/g Intel® 4965 Pro/Wireless 802.11 a/g Draft-n Intel® 3945 Pro/Wireless 802.11 a/g
Bluetooth	Dell Wireless 360 Bluetooth®, Bluetooth 2.0+EDR

EXPANDABILITY

ExpressCard	54mm Express Card Slot; supports both 54mm and 34mm Express Cards
Card Reader	One Type I or Type II
I/O Ports	6 USB, DVI, VGA, S-video, IEEE 1394, RJ-11, RJ-45, 5-in-1 media card reader, headphone/speaker out
Docking	D/Port, D/Dock, D/Monitor Stand
Modular Options	Fixed Optical 24X CD-ROM, 8X DVD-ROM, 24X CD-RW/DVD, 8X DVD+/-RW

SECURITY

Physical Security	Steel-reinforced Cable Lock Slots, Media Module and Hard Drive locks
User & System Security	Integrated Smart Card Reader, Trusted Platform Module 1.2 and optional UPEK finger print reader, Wave® Embassy® Trust Suite security software.
Network Security	802.11 WiFi Protected Access (WPA), 802.11i (WPA2), Virtual Private Networks (VPN) and 802.1x with EAP modes, CCX V4.0

MANAGEABILITY

Dell OpenManage™	Helps reduce the total cost of ownership by enabling IT departments to manage and support networked systems. OpenManage enables software deployment and migration, hardware configuration and system health, asset management and remote support. For more information visit: www.dell.com/openmanage

SERVICE & SUPPORT

Service & Support	3-year Limited Warranty with Next Business Day On-Site Service. Service options vary by location.

GET MORE PERFORMANCE AND MOBILITY. GET MORE OUT OF MORE.

DELL

Visit **www.dell.com/ap** for more information.